

USB-C to DisplayPort Multi-Monitor Splitter - 2-Port MST Hub

StarTech ID: MSTCDP122DP



This MST hub lets you connect two DisplayPort monitors to your USB-C™ computer. MST works on any Windows® device with DP alt mode over USB Type-C™, such as models of Dell Precision™ and Dell XPS™ laptops. The MST hub is powered by the USB-C port, so you don't require an additional power adapter.

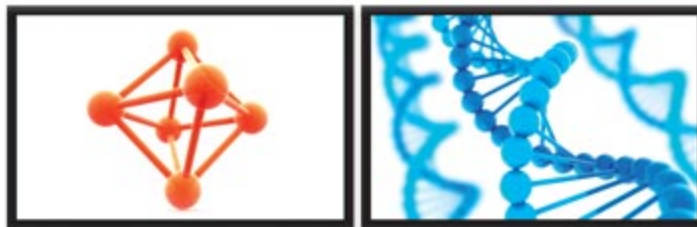
This adapter works with USB Type-C devices that pass a DisplayPort video signal and it's also compatible with Thunderbolt™ 3 ports.

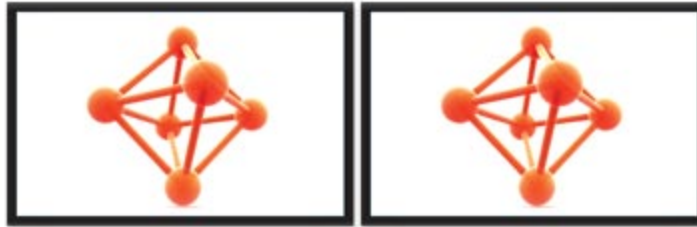
Increase your productivity with multiple monitors

The newest generations of laptops are more portable than ever. Unfortunately, this could mean that you're left with fewer video outputs and confined to a small integrated screen. This MST hub solves these problems by letting you connect two independent displays to a USB-C port on your computer, which makes multitasking much easier.

Using the MST hub, you can extend your desktop onto additional monitors and stream independent content to each display. This makes it easier to multitask and increase your productivity -- perfect for creating an easy-to-dock hot-desk solution with a wireless keyboard and mouse peripheral set.

The hub also lets you mirror the same image onto multiple displays, for remote viewing applications such as digital signage.





Astonishing picture quality that won't drain your system resources

MST technology uses your existing video card to minimize the use of system resources while delivering Ultra HD 4K resolutions. 4K is supported by the latest A/V devices and offers four times the resolution of 1080p. Plus, because the MST hub can output high-definition 1080p, the MST hub is perfect for all high-resolution applications such as graphic design and CAD drawing.

Works with any monitor, television or projector

With this MST hub, you can use separate DP video adapters to connect HDMI, VGA or DVI displays, for compatibility with all of your existing monitors. The hub supports DP 1.2 enabled systems, for seamless integration with your existing video equipment.





The MSTCDP122DP supports plug-and-play installation for a hassle-free setup and is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Notes:

- Your USB-C equipped device must support video (DP alt mode) to work with this adapter.
- MST shares 21.6Gbps across all attached displays. Higher resolutions can restrict the available bandwidth with the remaining ports, please see our guideline below for determining an ideal resolution for your setup.

Average resolution bandwidth allocation

- 1920x1080 (High-definition 1080p) @60hz - 22%
- 1920x1200 @60hz - 30%
- 2560x1440 @60hz - 35%
- 2560x1600 @60hz - 38%
- 3840 x 2160 (Ultra HD 4K) @30hz - 38%

Exceeding 100% will reduce functionality.

Applications

- Connect additional displays to your USB-C device
- Use one screen for referencing data, such as websites, while composing your documents on another screen
- Connect your USB-C device supporting DP alt mode to two high-resolution displays at your workstation
- Create a panoramic video wall for DisplayPort digital signage applications
- Edit images, video or audio clips across two additional displays in any orientation or resolution
- Span a spreadsheet or worksheet across two additional displays, to avoid side-scrolling

Features

- Maximize your productivity by connecting two independent displays to your computer using the MST hub
- Hassle-free connection with the reversible USB-C connector
- Connect to almost any television, monitor or projector with the support of low-cost adapters
- Support for resolutions up to 4K
- Thunderbolt 3 port compatible

Technical Specifications

Warranty	2 Years
Audio	Yes
Chipset ID	STDP4320 - VL100
Converter Type	MST Hub
Output Signal	DisplayPort
Ports	2
Maximum Digital Resolutions Supported	3840x2160 @ 30hz
Resolutions	Note: MST shares 21.6 Gbps across all attached displays. Higher resolutions can restrict the available bandwidth with the remaining ports, please see our guideline below for determining an ideal resolution for your setup.

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Wide Screen Supported	Yes
Connector A	1 - USB-C (24 pin) Male Input
Connector B	2 - DisplayPort (20 pin) Female Output
OS Compatibility	Microsoft Windows® 10, 8/8.1, 7
Note	DisplayPort 1.2 with MST+HBR2 support from the GPU is required for independent display output
Power Source	USB-Powered
Humidity	50-90%
Operating Temperature	5°C to 35°C (41°F to 95°F)
Storage	-20°C to 60°C (-4°F to 140°F)

Temperature

Product Height 0.6 in [14 mm]

Product Length 2.4 in [62 mm]

Product Weight 1.6 oz [44 g]

Product Width 2.3 in [58 mm]

Shipping (Package) Weight 0.3 lb [0.1 kg]

Included in Package 1 - MST hub

Included in Package 1 - quick-start guide

Certifications, Reports and Compatibility

